

D010306

Table 1

Compound	Amount(parts by mass)
Butadiene Rubber	100
Zinc acrylate	30
Zinc oxide	5
Diethyl peroxide	0.5

Shot feeling:actual hitting test by 10 top amateur golfers
 O : number of the golfers said bad is less than 2.
 Δ : number of the golfers said bad is less than 5
 x : number of the golfers said bad is not less than 6

Table 2

Shot feeling

	Ball No.	1	2	3	4	5	6	7	8	9	10	11	12
Polyol	Type	PCG	PCG	PCG	PCG	PCG	PCG	PCG	PCG	1987	10	11	12
	Molecular weight	994	1987	633	264	3289	1962	2153	1987	1987	1987	1987	1987
Prepolymer	NCO content	8.8	8.4	8.3	8.6	8.5	8.1	8.2	8.4	4.8	6.1	11.8	16.3
	Molecular weight	1622	2896	1089	869	4020	3090	3103	2896	3298	2935	2738	2605
	Curing agent	1,4-Butane diol											
Golf ball	Hardness	55	53	57	59	51	52	53	51	38	46	58	71
	Initial repulsion index	100	98	98	95	96	100	95	97	94	97	102	105
Characteristics	Heat resistance	96	95	94	92	92	81	90	94	90	93	96	98
	Weather resistance	93	92	90	88	89	79	87	91	88	90	94	92
	Water resistance	92	90	90	85	87	91	76	90	85	89	92	93

PCG:polycarbonate diol

PTMG:polytetramethylene ether glycol produced by BASF JAPAN Co.

PEAG: poly(ethylene adipate) glycol produced by Sanyo Chemical Ind

